

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING** **ERROR REPORT**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:**

Application Serial Number: 10/576,752A  
Source: JFWO  
Date Processed by STIC: 11/24/2006

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

**FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:**

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. **EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)**
2. **U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**
3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314**

Revised 01/10/06



IFWO

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/576,752A

DATE: 11/24/2006

TIME: 14:52:23

Input Set : N:\efs\11\_20\_06\10576752a\_efs\10576752\_REVSeqList.txt  
 Output Set: N:\CRF4\11242006\J576752A.raw

3 <110> APPLICANT: Sirna Therapeutics, Inc.  
 4       James, McSwiggen  
 5       Ivan, Roberts  
 7 <120> TITLE OF INVENTION: RNA Interference Mediated Inhibition of GPRA and AAA1 Gene  
 8       Expression Using Short Interfering Nucleic Acid (siNA)  
 10 <130> FILE REFERENCE: 400/227 (MBHB04-423-A)  
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/576,752A  
 C--> 13 <141> CURRENT FILING DATE: 2006-04-21  
 15 <150> PRIOR APPLICATION NUMBER: US 60/570,086  
 16 <151> PRIOR FILING DATE: 2004-05-11  
 18 <150> PRIOR APPLICATION NUMBER: PCT/US04/16390  
 19 <151> PRIOR FILING DATE: 2004-05-24  
 21 <150> PRIOR APPLICATION NUMBER: US 10/826,966  
 22 <151> PRIOR FILING DATE: 2004-04-16  
 24 <150> PRIOR APPLICATION NUMBER: PCT/US04/13456  
 25 <151> PRIOR FILING DATE: 2004-04-30  
 27 <150> PRIOR APPLICATION NUMBER: US 10/780,447  
 28 <151> PRIOR FILING DATE: 2004-02-13  
 30 <150> PRIOR APPLICATION NUMBER: US 60/292,217  
 31 <151> PRIOR FILING DATE: 2001-05-18  
 33 <150> PRIOR APPLICATION NUMBER: US 60/362,016  
 34 <151> PRIOR FILING DATE: 2002-03-06  
 36 <150> PRIOR APPLICATION NUMBER: US 60/363,883  
 37 <151> PRIOR FILING DATE: 2001-07-20  
 39 <150> PRIOR APPLICATION NUMBER: US 60/311,865  
 40 <151> PRIOR FILING DATE: 2001-08-13  
 42 <150> PRIOR APPLICATION NUMBER: US 10/727,780  
 43 <151> PRIOR FILING DATE: 2003-12-03  
 46 <150> PRIOR APPLICATION NUMBER: US 60/543,480  
 47 <151> PRIOR FILING DATE: 2004-02-10  
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 50 <151> PRIOR FILING DATE: 2004-01-15  
 52 <150> PRIOR APPLICATION NUMBER: US 10/720,448  
 53 <151> PRIOR FILING DATE: 2003-11-24  
 55 <150> PRIOR APPLICATION NUMBER: US 10/693,059  
 56 <151> PRIOR FILING DATE: 2003-10-23  
 58 <150> PRIOR APPLICATION NUMBER: US 10/444,853  
 59 <151> PRIOR FILING DATE: 2003-05-23  
 61 <150> PRIOR APPLICATION NUMBER: US 10/427,160  
 62 <151> PRIOR FILING DATE: 2003-04-30  
 65 <150> PRIOR APPLICATION NUMBER: PCT/US03/05346  
 66 <151> PRIOR FILING DATE: 2003-02-20  
 68 <150> PRIOR APPLICATION NUMBER: PCT/US03/05028

(CPG-10)  
 Does Not Comply  
 Corrected Diskette Needed  
 (CPG-9)

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PATENT APPLICATION: US/10/576,752A

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TIME: 14:52:23

Input Set : N:\efs\11\_20\_06\10576752a\_efs\10576752\_REVSeqList.txt  
 Output Set: N:\CRF4\11242006\J576752A.raw

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 71 <150> PRIOR APPLICATION NUMBER: US 60/358,580  
 72 <151> PRIOR FILING DATE: 2002-02-20  
 74 <150> PRIOR APPLICATION NUMBER: US 60/363,124  
 75 <151> PRIOR FILING DATE: 2002-03-11  
 77 <150> PRIOR APPLICATION NUMBER: US 60/386,782  
 78 <151> PRIOR FILING DATE: 2002-06-06  
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 83 <150> PRIOR APPLICATION NUMBER: US 60/408,378  
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 86 <150> PRIOR APPLICATION NUMBER: US 60/409,293  
 87 <151> PRIOR FILING DATE: 2002-09-09  
 89 <150> PRIOR APPLICATION NUMBER: US 60/440,129  
 90 <151> PRIOR FILING DATE: 2003-01-15  
 92 <150> PRIOR APPLICATION NUMBER: PCT/US02/15876  
 93 <151> PRIOR FILING DATE: 2002-05-17  
 95 <160> NUMBER OF SEQ ID NOS: 810  
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PATENT APPLICATION: US/10/576,752A

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Input Set : N:\efs\11\_20\_06\10576752a\_efs\10576752\_REVSeqList.txt  
 Output Set: N:\CRF4\11242006\J576752A.raw

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 172 <211> LENGTH: 19  
 173 <212> TYPE: RNA  
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 184 <211> LENGTH: 19  
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sense region  
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## RAW SEQUENCE LISTING

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Input Set : N:\efs\11\_20\_06\10576752a\_efs\10576752\_REVSeqList.txt  
 Output Set: N:\CRF4\11242006\J576752A.raw

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 259 <213> ORGANISM: Artificial Sequence  
 261 <220> FEATURE:  
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 265 gaaggaaagg aaugggguu  
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 271 <213> ORGANISM: Artificial Sequence  
 273 <220> FEATURE:  
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 280 <210> SEQ ID NO: 16  
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 285 <220> FEATURE:  
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288 <400> SEQUENCE: 16  
289 aagacugagc aauugauaa

19

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/576,752A

DATE: 11/24/2006

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Input Set : N:\efs\11\_20\_06\10576752a\_efs\10576752\_REVSeqList.txt  
 Output Set: N:\CRF4\11242006\J576752A.raw

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 339 uccacaaugga ggagaaaaga 19  
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363 uucuuuguga cucagcugg  
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19

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<222> LOCATION: (1)..(19)  
<223> OTHER INFORMATION: ribonucleotide modified as described  
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<221> NAME/KEY: misc\_feature  
<222> LOCATION: (1)..(1)  
<223> OTHER INFORMATION: 5'-3' attached terminal deoxyabasic moiety, inverted  
abasic,  
inverted nucleotide or other terminal cap  
<220> FEATURE:  
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<222> LOCATION: (21)..(21)  
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abasic,  
inverted nucleotide or other terminal cap  
<220> FEATURE:  
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<222> LOCATION: (20)..(21)  
<223> OTHER INFORMATION: n stands for any nucleotide  
<400> SEQUENCE: 789  
nnnnnnnnnn nnnnnnnnnn n

? 'n' can represent  
single nucleotide only.

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 11/24/2006  
PATENT APPLICATION: US/10/576,752A TIME: 14:52:24

Input Set : N:\efs\11\_20\_06\10576752a\_efs\10576752\_REVSeqList.txt  
Output Set: N:\CRF4\11242006\J576752A.raw

**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#: 789; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#: 790; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#: 791; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#: 792; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#: 793; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
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Seq#: 796; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21  
Seq#: 797; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21

### Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#: 799; Line(s) 16512  
Seq#: 800; Line(s) 16585  
Seq#: 801; Line(s) 16662  
Seq#: 803; Line(s) 16769  
Seq#: 806; Line(s) 16978  
Seq#: 807; Line(s) 17001  
Seq#: 808; Line(s) 17013

## VERIFICATION SUMMARY

DATE: 11/24/2006

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Input Set : N:\efs\11\_20\_06\10576752a\_efs\10576752\_REVSeqList.txt  
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L:12 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:16196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:789 after pos.:0  
L:16229 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:790 after pos.:0  
L:16257 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:791 after pos.:0  
L:16291 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:792 after pos.:0  
L:16326 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:793 after pos.:0  
L:16360 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:794 after pos.:0  
L:16395 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:795 after pos.:0  
L:16430 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:796 after pos.:0  
L:16464 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:797 after pos.:0